

ABSTRACT

A tire monitoring system providing tire status and notifying or warning the vehicle operator of early detection of imminent tire failure and performance degradation; thus
5 improving safety by preventing blowouts from occurring, lengthening tire life by encouraging preventive maintenance, and improving fuel mileage by encouraging the operator to fill the tire to its proper pressure or repair it. The system monitors temperature of the rim of the wheel to which
10 the tire is attached, such temperature being transmitted to the vehicle operator or other interested parties via means such as radio frequency.